SAFETY DATA SHEET

1. Identification

Product number 1000009377

Product identifier 19 OZ SHOW OFF 2484 LB 12PK

Revision date 02-20-2015

SELECT SPECIALTY PRODUCTS **Company information** 1575 AVON STREET EXTENSION #104

CHARLOTTESVILLE, VA 22902-7227 United States

Company phone General Assistance 434-296-3937

Emergency telephone US 1-866-836-8855 1-952-852-4646 **Emergency telephone outside**

Version # 03

02-12-2015 Supersedes date

Recommended use Cleaner/Degreaser

Recommended restrictions None known.

2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1

Not classified. **Health hazards** Not classified. **Environmental hazards OSHA** defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Extremely flammable aerosol.

Precautionary statement

Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open

flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

Response Not available.

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Storage

Disposal Not available. Hazard(s) not otherwise None known.

classified (HNOC)

Supplemental information

None.

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|--|--------------------------|------------|----------|
| Butane | | 106-97-8 | 2.5 - 10 |
| Disodium Metasilicate | | 6834-92-0 | 1 - 2.5 |
| Polyethylene Glycol Octylphenyl Ether | | 9036-19-5 | 1 - 2.5 |
| Propane | | 74-98-6 | 1 - 2.5 |
| Trisodium Phosphate | | 10101-89-0 | 1 - 2.5 |

Product name: 19 OZ SHOW OFF 2484 LB 12PK

SDS US Product #: 1000009377 Version #: 03 Revision date: 02-20-2015 Issue date: 02-06-2015

| Chemical name | Common name and synonyms | CAS number | % |
|-----------------------------------|--------------------------|------------|---------|
| 2-Butoxyethanol | | 111-76-2 | 0.1 - 1 |
| Other components below reportable | e levels | | 80 - 90 |

^{#:} This substance has workplace exposure limit(s).

4. First-aid measures

If inhalation of gas/fume/vapor/dust/mist from the material is excessive (air concentration is greater Inhalation

than the TLV or health effects are noticed), immediately remove the affected person(s) to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Call a physician or Poison Control Center immediately. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical

device. Get medical attention if symptoms persist.

Remove and isolate contaminated clothing and shoes. Immediately flush skin with plenty of water. Skin contact

Call a physician or Poison Control Center immediately. Get medical attention if irritation develops

and persists. Wash clothing separately before reuse.

Eye contact Call a physician or Poison Control Center immediately.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth Ingestion

thoroughly. Never give anything by mouth to a victim who is unconscious or is having convulsions. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped

with a one-way valve or other proper respiratory medical device.

Most important symptoms/effects, acute and delayed

Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

General information

Immediate medical attention is required.

5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Do not use water iet as an extinguisher, as this will spread the fire.

Specific hazards arising from

the chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Special protective equipment and precautions for firefighters Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire-fighting

equipment/instructions

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

Extremely flammable aerosol. General fire hazards

6. Accidental release measures

Personal precautions. protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

^{*}Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Methods and materials for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. If possible, turn leaking containers so that gas escapes rather than liquid. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Environmental precautions

Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Will ignite if exposed to intensive heat or open air. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid prolonged exposure. Do not get this material on clothing. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Level 1 Aerosol.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place. Keep container dry. Refrigeration recommended. Keep away from food, drink and animal feedingstuffs. Store away from incompatible materials (see Section 10 of the SDS). Level 1 Aerosol (NFPA 30B)

8. Exposure controls/personal protection

Occupational exposure limits

| Components | Type | Value | |
|-----------------------------------|---------------|------------|--|
| 2-Butoxyethanol (CAS 111-76-2) | PEL | 240 mg/m3 | |
| , | | 50 ppm | |
| Propane (CAS 74-98-6) | PEL | 1800 mg/m3 | |
| | | 1000 ppm | |
| US. ACGIH Threshold Limit Value | es · | | |
| Components | Туре | Value | |
| 2-Butoxyethanol (CAS 111-76-2) | TWA | 20 ppm | |
| Butane (CAS 106-97-8) | STEL | 1000 ppm | |
| US. NIOSH: Pocket Guide to Cher | nical Hazards | | |
| Components | Туре | Value | |
| 2-Butoxyethanol (CAS 111-76-2) | TWA | 24 mg/m3 | |
| | | 5 ppm | |
| Butane (CAS 106-97-8) | TWA | 1900 mg/m3 | |
| | | 800 ppm | |
| | | | |
| Propane (CAS 74-98-6) | TWA | 1800 mg/m3 | |

Bio

| ACGIH Biological Exposure Indices | | | | | |
|-----------------------------------|----------|--|---------------------|---------------|--|
| Components | Value | Determinant | Specimen | Sampling Time | |
| 2-Butoxyethanol (CAS 111-76-2) | 200 mg/g | Butoxyacetic acid (BAA), with hydrolysis | Creatinine in urine | * | |

^{* -} For sampling details, please see the source document.

Exposure guidelines

US - California OELs: Skin designation

2-Butoxyethanol (CAS 111-76-2)

Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

2-Butoxyethanol (CAS 111-76-2) Skin designation applies.

US - Tennesse OELs: Skin designation

2-Butoxyethanol (CAS 111-76-2)

Can be absorbed through the skin.

US NIOSH Pocket Guide to Chemical Hazards: Skin designation

2-Butoxyethanol (CAS 111-76-2)

Can be absorbed through the skin.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

2-Butoxyethanol (CAS 111-76-2)

Can be absorbed through the skin.

Appropriate engineering

controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear tight-fitting goggles or face shield. Wear safety glasses with side shields (or goggles).

Hand protection Wear appropriate chemical resistant gloves.

Skin protection

Other Wear chemical protective equipment that is specifically recommended by the manufacturer. It may

provide little or no thermal protection.

Respiratory protection If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an

air-supplied respirator.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using, do not eat, drink or smoke. Do not get in eyes. Do not get this material in contact with skin. Avoid contact with skin. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state Liquid.
Form Aerosol.
Color Not available.
Odor Not available.
Odor threshold Not available.
PH Not available.
Melting point/freezing point Not available.

Initial boiling point and boiling

range

212 °F (100 °C) estimated

Flash point -156.0 °F (-104.4 °C) Propellant estimated

Evaporation rate Not available.
Flammability (solid, gas) Not available.
Upper/lower flammability or explosive limits

Flammability limit - lower

Not available.

(%)

Flammability limit - upper

Not available.

(%)

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure 60 psig @70F estimated

Vapor density Not available.

Relative density 0.98 g/cm3 estimated

Product name: 19 OZ SHOW OFF 2484 LB 12PK

SDS US

Solubility(ies)

Not available. Solubility (water) Not available. Partition coefficient (n-octanol/water)

Not available. **Auto-ignition temperature Decomposition temperature** Not available. Not available. **Viscosity**

Other information

Density 0.98 g/cm3 estimated Flammability class Flammable IB estimated Heat of combustion 4.26 kJ/g estimated Heat of combustion (NFPA 3.31 kJ/g estimated

30B)

93.91 % estimated Percent volatile Specific gravity 0.98 estimated VOC (Weight %) 8 % estimated

10. Stability and reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

Risk of ignition. **Chemical stability**

Possibility of hazardous

reactions

Hazardous polymerization does not occur.

Exposure to air. Heat, flames and sparks. Avoid temperatures exceeding the flash point. Contact Conditions to avoid

with incompatible materials.

Nitrates. Oxygen. Fluorine. Chlorine. Incompatible materials

Hazardous decomposition

products

No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Ingestion Expected to be a low ingestion hazard. Inhalation Prolonged inhalation may be harmful.

Skin contact No adverse effects due to skin contact are expected. Eye contact Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity

| Components | Species | Test Results |
|---------------------------|------------|------------------------|
| 2-Butoxyethanol (CAS 111- | 76-2) | |
| Acute | | |
| Dermal | | |
| LD50 | Guinea pig | 230 ml/kg, 24 Hours |
| | | 7.3 ml/kg, 4 Days |
| | Rabbit | 450 ml/kg, 24 Hours |
| | | 435 mg/kg, 24 Hours |
| | | 0.63 ml/kg |
| | Rat | > 2000 mg/kg, 24 Hours |
| Inhalation | | |
| LC50 | Rabbit | 400 ppm, 7 Hours |
| | Rat | 450 ppm, 4 Hours |
| | | |

| Components | Species | Test Results |
|----------------------------|----------------------------|------------------------|
| Oral | | |
| LD100 | Rabbit | 695 mg/kg |
| LD50 | Dog | > 695 mg/kg |
| | Guinea pig | 1200 mg/kg |
| | Rat | 530 - 2800 mg/kg |
| Butane (CAS 106-97-8) | | |
| Acute | | |
| Inhalation | | |
| LC50 | Mouse | 1237 mg/l, 120 Minutes |
| | | 52 %, 120 Minutes |
| | Rat | 1355 mg/l |
| Disodium Metasilicate (CAS | 6834-92-0) | |
| Acute | , | |
| Dermal | | |
| LD50 | Rat | > 5000 mg/kg, 24 Hours |
| Inhalation | | |
| LC50 | Rat | > 2.06 mg/l, 4 Hours |
| Oral | | |
| LD50 | Mouse | 661.5 - 896.3 mg/kg |
| | Rat | 600 mg/kg |
| olyethylene Glycol Octylph | enyl Ether (CAS 9036-19-5) | |
| Acute | | |
| Oral | | |
| LD50 | Rat | 4190 mg/kg |
| Propane (CAS 74-98-6) | | |
| Acute | | |
| Inhalation | Mouse | 1227 mg/L 120 Minuton |
| LC50 | Mouse | 1237 mg/l, 120 Minutes |
| | 5. | 52 %, 120 Minutes |
| | Rat | 1355 mg/l |
| | | 658 mg/l/4h |
| risodium Phosphate (CAS | 10101-89-0) | |
| Acute | | |
| Oral | 5. | 7 400 " |
| LD50 | Rat | 7400 mg/kg |

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye

Harmful in contact with eyes.

irritation

Respiratory or skin sensitization

Respiratory sensitization Not available.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicityNo data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity

2-Butoxyethanol (CAS 111-76-2) 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity -

repeated exposure

Not classified.

Not available. **Aspiration hazard**

Prolonged inhalation may be harmful. Prolonged or repeated exposure may cause lung injury. **Chronic effects**

12. Ecological information

Ecotoxicity Components of this product are hazardous to aquatic life.

Product Species Test Results

19 OZ SHOW OFF 2484 LB 12PK (CAS Mixture)

Aquatic

LC50 Fish Fish 13176 mg/L, 96 Hours

Test Results Components **Species**

2-Butoxyethanol (CAS 111-76-2)

Aquatic

Fish LC50 Inland silverside (Menidia beryllina) 1250 mg/l, 96 hours

Polyethylene Glycol Octylphenyl Ether (CAS 9036-19-5)

Aquatic

Fish LC50 Rainbow trout.donaldson trout 7.2 mg/l, 96 hours

(Oncorhynchus mykiss)

No data is available on the degradability of this product. Persistence and degradability

Bioaccumulative potential No data available. Partition coefficient n-octanol / water (log Kow)

2-Butoxyethanol 0.83 Butane 2.89 Propane 2.36

No data available. Mobility in soil

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions Consult authorities before disposal. Contents under pressure. Do not puncture, incinerate or crush.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Dispose in accordance with all applicable regulations. Local disposal regulations

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Product #: 1000009377 Version #: 03 Revision date: 02-20-2015 Issue date: 02-06-2015

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Empty containers should be taken to an approved waste handling site for recycling or disposal. Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Do not re-use empty containers.

14. Transport information

DOT

UN number UN1950

UN proper shipping name

Transport hazard class(es)

Aerosols, flammable, (each not exceeding 1 L capacity)

2.1 **Class** Subsidiary risk 2.1 Label(s)

Not applicable. Packing group

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safety

instructions, SDS and emergency procedures before handling.

^{*} Estimates for product may be based on additional component data not shown.

N82 **Special provisions** Packaging exceptions 306 Packaging non bulk None Packaging bulk None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA

UN1950 **UN** number

UN proper shipping name Aerosols, flammable

Transport hazard class(es)

Class 2.1 Subsidiary risk 2.1 Label(s)

Packing group Not applicable.

Environmental hazards No. **ERG Code** 10L

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safety

instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo

aircraft

Cargo aircraft only Allowed. **Packaging Exceptions** LTD QTY

Allowed.

LTD QTY

Not applicable.

IMDG

UN1950 **UN** number UN proper shipping name **AEROSOLS**

Transport hazard class(es)

Class 2.1 Subsidiary risk Label(s) 2.1

Not applicable. Packing group

Environmental hazards

No. Marine pollutant F-D. S-U

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safety

instructions, SDS and emergency procedures before handling.

Packaging Exceptions Transport in bulk according to Annex II of MARPOL 73/78 and

the IBC Code

DOT





15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

Listed.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Trisodium Phosphate (CAS 10101-89-0)

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No

> Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous No

chemical

SARA 313 (TRI reporting)

Chemical name CAS number % by wt. 1,4-Dioxane 123-91-1 0.01 - 0.1

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Butane (CAS 106-97-8) Propane (CAS 74-98-6)

Safe Drinking Water Act

(SDWA)

Not regulated.

US state regulations

This product does not contain a chemical known to the State of California to cause cancer, birth

defects or other reproductive harm.

US. Massachusetts RTK - Substance List

2-Butoxyethanol (CAS 111-76-2)

Butane (CAS 106-97-8) Propane (CAS 74-98-6)

Trisodium Phosphate (CAS 10101-89-0)

US. New Jersey Worker and Community Right-to-Know Act

2-Butoxyethanol (CAS 111-76-2)

Butane (CAS 106-97-8) Propane (CAS 74-98-6)

US. Pennsylvania Worker and Community Right-to-Know Law

2-Butoxyethanol (CAS 111-76-2)

Butane (CAS 106-97-8)

Product name: 19 OZ SHOW OFF 2484 LB 12PK

SDS US Product #: 1000009377 Version #: 03 Revision date: 02-20-2015 Issue date: 02-06-2015

Propane (CAS 74-98-6)

Trisodium Phosphate (CAS 10101-89-0)

US. Rhode Island RTK

Butane (CAS 106-97-8) Propane (CAS 74-98-6)

Trisodium Phosphate (CAS 10101-89-0)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

1,4-Dioxane (CAS 123-91-1) Listed: January 1, 1988

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|----------------------|--|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | No |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | No |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | No |
| New Zealand | New Zealand Inventory | No |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No |

Toxic Substances Control Act (TSCA) Inventory *A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 02-06-2015 02-20-2015 **Revision date**

Version #

United States & Puerto Rico

Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge.

information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other

materials or in any process, unless specified in the text.

Revision Information Composition / Information on Ingredients: Component Summary

Product name: 19 OZ SHOW OFF 2484 LB 12PK

Yes